

AC 445-1(3) LONG EATON

Long Eaton

Urban District Council.

ANNUAL REPORT
of the
Medical Officer of Health
with that of the
Sanitary Inspector.

For the Year

1933.



Annual Report

OF

The Medical Officer of Health

WITH THAT OF

The Sanitary Inspector

1955

LONG EATON:
HASSALL & LUCKING, PRINTERS, CROSS STREET

PUBLIC HEALTH COMMITTEE.

MR. COUNCILLOR A. H. STAPLES (Chairman).

The Chairman of the Council, MR. COUNCILLOR J. FRAYNE, J.P.

The Vice-Chairman of the Council, Mr. COUNCILLOR J. W. TURNER.

Mr. COUN. W. T. BRECKNOCK MR. COUN. J. W. MARTIN

„ „ L. T. DAVYS „ „ J. ROBERTS

„ „ S. H. HICKLING „ „ G. STEVENSON

„ „ J. E. JERVIS „ „ A. YATES

„ „ N. H. SUTTON

Public Health Sub-Committee :

MR. COUN. W. T. BRECKNOCK MR. COUN. J. ROBERTS

„ „ L. T. DAVYS „ „ J. W. TURNER

„ „ J. E. JERVIS „ „ A. H. STAPLES

„ „ J. MARTIN

Representatives on the Draycott Isolation Hospital Committee :

MR. COUN. P. B. AUSTIN MR. COUN. J. W. TURNER

„ „ J. R. DAVIS „ „ W. R. TUCKER

PUBLIC HEALTH STAFF :

Medical Officer of Health :

a b JOHN MOIR, M.A., M.B., Ch.B.

Mem. Royal San. Inst. Fellow Royal Inst. Public Health

Chief Sanitary Inspector and Cleansing Superintendent :

b JOHN TOMLINSON, F.S.I.A., A.M.I.P.C.

Cert. Insp. of Meat and Foods.

Sanitary Inspector :

b W. BOWLES, M.S.I.A.

Cert. Insp. of Meat and Foods

Clerk :

G. A. SMITH.

Nurses under the Derbyshire C.C. Maternity and Child Welfare Scheme and Tuberculosis Regulations :

MISS A. L. LIDDLE

MISS M. E. AGUTTER

Meadow Lane Smallpox Hospital :

Matron : MRS. E. E. JENNINGS

*a*Part-time Appointment. *b* Salaries contributed to under the Public Health Act.

LONG EATON URBAN DISTRICT COUNCIL.

ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH
FOR THE YEAR 1933.

TO THE MINISTER OF HEALTH, THE CHAIRMAN AND MEMBERS OF
THE LONG EATON URBAN DISTRICT COUNCIL.

Gentlemen,

I have much pleasure in presenting my Annual Report for the year 1933.

Owing to the deficiency of the annual rainfall your Council deemed it advisable to take a temporary supply of water for the Nottingham Road area from the deep borehole supplying the local Gas Company, and also to take steps to obtain an additional permanent supply. It was not found necessary to curtail the water supply during the year.

The scheme for the provision of an Open Air Swimming Bath at Grange Park was completed and forwarded to the Ministry of Health for their sanction, and at the time of writing this has not been received.

The acute need for houses in Long Eaton has been met and the vacant house is now becoming a fairly common feature. The question at present is one of an economic rent, and the general demand by the working classes is for a good type of house with modern conveniences,

The Infantile Mortality was very low, being 46.66. It has only once been lower, in 1928 when it was 31.4. The general Death Rate was 9.63, and the average for England and Wales was 12.3.

I am, Gentlemen,

Your obedient servant,

JOHN MOIR.

Medical Officer of Health.

Public Health Department,
Town Hall, Long Eaton.

July, 1934.



STATISTICAL SUMMARY FOR 1933.

Area—Land	3,191·955 acres		
Water	131·045 acres		3323 acres
Elevation of District			.89 —147 O.D.
Population (Census, 1931)		.....	22,340
Population, 1932 (Registrar General)	....	.....	22,830
Density of Population per acre	....	.....	6·9
Number of Inhabited Houses, 1933	.....	.....	6,388
Rateable Value, Year ended 31st March, 1934	.....	.....	£137,410
Sum represented by a Penny Rate	.....	.....	£535
Rates levied—General	.....	.....	11 - in the £
Births	Legitimate 157 M., 132 F. — 289 } Illegitimate 8 M., 3 F. — 11 }		300
Birth Rate	.....	.....	13·44
Still Births	Legitimate 11 M., 7 F. — 18 } Illegitimate 0 M., 2 F. — 2 }		20
Rate per 1000 total (live and still) births.....	.....	.....	31·25
Deaths (113 M., 107 F.)	.....	.....	220
Death Rate	.....	.....	9·63
Number of women dying in, or in consequence of, childbirth	From Sepsis 0 From other causes 2		
Deaths of Infants under 1 year of age, per 1000 births :			
Legitimate	..... 9 M., 3 F.	} Total 14	Rate 46·66
Illegitimate	..... 1 M., 1 F.		
Deaths from Measles (all ages)	.....	0	0·00
„ „ Whooping Cough (all ages)	.....	0	0·00
„ „ Diarrhœa (under 2 years of age)	.....	1	0·04
Unusual or excessive mortality during the year			Nil

TABLE I.
VITAL STATISTICS OF WHOLE DISTRICT FOR 1933 AND FOUR PREVIOUS YEARS.

Year	Population estimated to middle of each year.	Births.			Total Deaths Registered in the District		Transferable Deaths.		Nett Deaths belonging to the District.			
		Uncor-rected Number	Number	Rate.	Number	Rate.	of Non-Residents registered in the District.	of Resi-dents not registered in the District.	Under 1 year of age.		At all ages.	
									Number.	Rate per 1000 Nett Births.	Number.	Rate.
1	2	3	4	5	6	7	8	9	10	11	12	13
1929	22240	311	327	14·7	170	7·69	5	46	18	55·05	211	9·49
1930	22240	288	314	14·1	165	7·42	0	48	20	63·7	213	9·57
1931	22710	294	318	14·0	157	6·91	1	63	16	50·31	219	9·64
1932	22710	296	326	14·36	161	7·09	3	76	17	52·15	234	10·3
1933	22830	279	300	13·14	159	7·00	1	62	14	46·66	220	9·63

SENILE MORTALITY.

65 years and under	70 years	27
70 "	75 "	36
75 "	80 "	19
80 years and over		28
		<hr/> 110 <hr/>

INQUESTS.

Nine Inquests were held during the year.
The deaths were due to the following causes :

Injuries	.....	3
Drowning	.....	2
Suicide	.....	2
Natural Causes	.....	2

TABLE II.

INFANTILE MORTALITY DURING THE YEAR, 1933.

Causes of Death	Under 1 week	1 to 2 weeks	2-3 weeks	3-4 weeks	Total under 4 wks.	1-3 months	3-6 months	6-9 months	9-12 months	Total Deaths under 1 year
Certified	4	1	1		6	3	2	1	1	13
Uncertified						1				1
Premature Birth	2				2					2
Marasmus							2	1		3
Pneumonia						1			1	2
Infantile Convulsions	2	1			3	1				4
Pericarditis						1				1
Inanition			1		1					1
Gastro Enteritis						1				1
Totals	4	1	1		6	4	2	1	1	14

TRANSFERABLE DEATHS, 1933.

	M.	F.	TOTAL
Shardlow Poor Law Infirmary	13	10	23
Nottingham General Hospital	13	5	18
„ Children's „	1	1	2
Derbyshire Royal Infirmary	2	4	6
Derbyshire Women's Hospital	0	2	2
County Asylum, Mickleover	1	1	2
Derbyshire Sanatorium, Chesterfield	1	0	1
Various Towns	5	3	8
Totals	36	26	62

MATERNITY AND CHILD WELFARE CENTRE.

						Long Eaton Centre.
Sessions open	.....	.....	.....	.....	.....	97
Attendances—Mothers	.....	.....	.....	.....	.....	4102
Babies	.....	.....	.....	.....	.....	2893
Children (1 to 5 years)	.....	.....	.....	.....	.....	1815
Average attendance of Mothers	.....	.....	.....	.....	.....	43
„ „ Babies	.....	.....	.....	.....	.....	30
„ „ Children	.....	.....	.....	.....	.....	20
New Cases attending	.....	.....	.....	.....	.....	253

CHILD WELFARE.

* Figures supplied by the Registrar General.

Births notified	.....	.....	.....	.....	.....	300	279
Still Births	.....	.....	.....	.....	.....	*20	11
Males	.....	.....	.....	.....	.....	*165	145
Females	.....	.....	.....	.....	.....	*135	134
Illegitimate	.....	.....	.....	.....	.....	*11	7
Premature Births	.....	.....	.....	.....	.....		3
Births attended by Doctors	.....	.....	.....	.....	.....		83
„ „ Midwives	.....	.....	.....	.....	.....		196
„ visited	.....	.....	.....	.....	.....		253
„ not visited	.....	.....	.....	.....	.....		26
Infants weighed at first visit	.....	.....	.....	.....	.....		256
„ of normal weight (7 lbs.)	.....	.....	.....	.....	.....		32
„ above normal weight	.....	.....	.....	.....	.....		171
„ below „ „	.....	.....	.....	.....	.....		47
„ breast fed at first visit	.....	.....	.....	.....	.....		222
„ bottle fed „	.....	.....	.....	.....	.....		38
„ who died during their first year	.....	.....	.....	.....	.....	*14	14
„ Males	.....	.....	.....	.....	.....	*10	10
„ Females	.....	.....	.....	.....	.....	*4	4
„ Legitimate	.....	.....	.....	.....	.....	*12	12
„ Illegitimate	.....	.....	.....	.....	.....	*2	2
Infantile Mortality	.....	.....	.....	.....	.....		46.66

Feeding of Infants who died under 1 year :

Breast Fed	3
Bottle Fed	7
Spoon Fed	2
Not Fed	2
Visits to children under 5 years	1,404

TABLE III.

3.—NOTIFIABLE DISEASES (OTHER THAN TUBERCULOSIS) DURING THE YEAR 1933.

Notifiable Disease.	Number of Cases Notified.												Cases admitt'd Hospital	Total Deaths	
	At all ages.	At all Ages—Years.													
		Udr 1	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65			65 up'd
Small-pox															
Scarlet Fever	57	3	1	8	3	25	13	1		3			51		
Diphtheria	2					2							2		
Enteric Fever (including Paratyphoid)															
Puerperal Fever															
Puerperal Pyrexia	1									1					
Pneumonia	20		1	1		4	2	1	3	3	5				4
Erysipelas	4									3	1				
Dysentery															
Encephalitis Lethargica															
Anterior Poliomyelitis															
Ophthalmia Neonatorum															
Other Diseases notifiable locally :—															
Chicken-pox	327	10	7	16	32	211	21	4	5						
Whooping Cough	45	5	7	2	10	12			2						
Totals	456	15	17	30	27	45	254	36	6	14	6	6	53		

TABLE IV.

Notifiable Disease	Number of Cases Notified Monthly.												Total.
	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Small-pox													
Scarlet Fever	5	4	9	3		3	4	7	2	2	8	10	57
Diphtheria							1			1			2
Enteric Fever (including Paratyphoid)													
Puerperal Fever	1												1
Puerperal Pyrexia	3		1	1	2				5	2	2	4	20
Pneumonia						1					1	1	4
Erysipelas	1												
Dysentery													
Encephalitis													
Lethargia													
Anterior Poliomyelitis													
Ophthalmia													
Neonatorum													
Malaria													
Chicken-pox	3	2	3	3	14	49	46	7	10	63	88	39	327
Whooping Cough	2	16	13	2		3	2	2	1	4			45
Tuberculosis :—													
Pulmonary	1		2	1	2		1		2	2		1	10
Other Forms													2
Totals	16	22	28	10	18	56	54	16	20	74	99	55	468

TUBERCULOSIS.

Number of Cases on Register, January, 1933	184
„ „ notified during 1933	15
„ „ removed from Register	(Recovered 8) Deaths 11 Left District 9)
„ „ on Register, December 31st, 1933	171

Age Periods.	New Cases.				Deaths.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year								
1 and under 5							1	
5 „ 10			1	1				1
10 „ 15	1							
15 „ 20		1		1				
20 „ 25	1	2			2			
25 „ 35	4					1		
35 „ 45					2			
45 „ 55	1					1		
55 „ 65	1				1	2		
65 and upward	1				1			
Totals	9	3	1	2	6	4	1	1

Five Pulmonary Cases received Sanatorium treatment in the Derbyshire Sanatorium and two in Shardlow Infirmary. Two Non-Pulmonary Cases received treatment in Brethby Hospital.

Public Health (Prevention of Tuberculosis)

Regulations, 1925.

There was no action taken under the above Regulations during the year.

The following is a list of the Occupations of the patients notified during the year :—

	Pulmonary.		Non-Pulmonary.		Total.
	M.	F.	M.	F.	
Tailoress		1			1
Railway Guard	1				1
Ironmongery Salesman	1				1
Poster Writer	1				1
Brick Maker	1				1
Labourer	1				1
Farm Labourer	1				1
Scholar	1		1	1	3
Unemployed	2				2
Housewife		2		1	3
Totals	9	3	1	2	15

The localisation of the Disease is as follows :—

	M.	F.	Total.
Lungs	9	3	12
Glands	1	1	2
Meninges		1	1
Totals	10	5	15

33 specimens of Sputum, etc., were submitted to the County Laboratory for Bacteriological Examination. 4 results proved positive and 29 negative.

OPHTHALMIA NEONATORUM.

Notified	Cases.		Vision Unim- paired	Vision Impaired	Total Blindness	Deaths.
	Treated					
	At Home	In Hospital				
Nil	—	—	—	—	—	—

VACCINATION AND PUBLIC ASSISTANCE.

The following information relating to Vaccination Returns and Public Assistance has been kindly supplied by Mr. Turner, the Public Assistance Officer :—

Primary Vaccinations under 1 year	.....	19
Vaccination and Re-Vaccinations, over 1 year		4
		—
		23
		—

Public Assistance.

For the twelve months ending Lady Day, 1934, £3,100 0s. 0d. was given in Public Assistance to a total of 400 persons, as compared with £2,743 0s. 6d. to a total of 450 persons for the previous year.

MEADOW LANE HOSPITAL.

There has been no case of Smallpox admitted to the Meadow Lane Isolation Hospital during the year.

TABLE V.

CAUSES OF, AND AGES AT DEATH DURING THE YEAR, 1933.

Causes		Under 1 year	1 and under 2	2 and under 3	3 and under 4	4 and under 5	5 and under 10	10 and under 15	15 and under 20	20 and under 35	35 and under 45	45 and under 65	65 and under 75	75 and over	Males	Females	Totals	Wards				
	Certified	13	3	1			2	1	1	12	12	63	59	46	109	104	213	Derby Road	Nottm. Rd.	Tamworth Rd.	New Sawley	
All Causes	Uncertified	1										1	1	4	4	3	7	1	4	2		
Enteric Fever																						
Small-pox																						
Measles																						
Scarlet Fever																						
Whooping Cough																						
Diphtheria														1		1	1			1		
Influenza														1						1		
Encephalitis Lethargica									1	1					1	1	2		1		1	
Meningococcal Meningitis																						
Tuberculosis of Respiratory System										3	2	4	1		6	4	10	2	2	3	3	
Other Tuberculous Diseases				1			1								1	1	2		2			
Cancer, Malignant Disease												11	10	4	11	14	25	10	6	8	1	
Rheumatic Fever												2			2		2			2		
Diabetes												2				3	3		1	2		
Cerebral Haemorrhage, etc.												1	10	7	7	12	13	25	5	4	12	4
Heart Disease								1				1	15	18	9	22	22	44	15	7	14	8
Arterio Sclerosis													1	1	2		2		1		1	
Bronchitis			1									3	8	7	9	10	19	9	4	4	2	
Pneumonia (all forms)		3	1							1	4	4	1		9	5	14	5	1	6	1	
Other Respiratory Diseases										1	1	3	1		4	2	6	4	1	1		
Ulcer of Stomach or Duodenum											1				1		1			1		
Diarrhoea, &c.		1													1		1	1				
Appendicitis and Typhlitis																						
Cirrhosis of Liver												1			1		1			1		
Acute and Chronic Nephritis												3	1	1	4	1	5	3			2	
Puerperal Sepsis																						
Other Accidents and Diseases of Pregnancy and Parturition										2						2	2	1	1			
Congenital Debility and Malformation, Premature Birth		10	1												8	3	11	4	1	5	1	
Suicide												1	1		1	1	2	1			1	
Other Deaths from Violence							1			1		1	1	1	4	1	5		3	2		
Other Defined Diseases										2	2	4	10	18	13	23	36	13	7	16	2	
Causes ill-defined or unknown										1					1		1			1		
Totals		14	3	1			2	1	1	12	12	64	60	50	113	107	220	73	42	79	27	
Sub-entries for Cancer																						
Breast												3	2			5	5	3	1	1		
Liver												2	2		2	2	4		1	3		
Uterus													1		1	1				1		
Caecum												1		1	1	1	1					
Stomach										1	1	1	1	2	1	3	1	1	1			
Prostate													1	1		1	1					
Colon										1	2				3	3	1	1			1	
Bladder										1	1				1	1	2			2		
Kidney										1		1	1	1	1	1	2	1	1			
Oesophagus												1				1	1		1			
Lower Jaw Bone													1		1		1	1				
Face													1		1		1			1		
Totals												11	10	4	11	14	25	10	6	8	1	

TABLE VI.

BIRTH-RATE, DEATH-RATE, AND ANALYSIS OF MORTALITY DURING THE YEAR 1933.

ENGLAND AND WALES, 118 COUNTY BOROUGHs AND GREAT TOWNS, AND 132 SMALLER TOWNS.

(Provisional figures. The rates for England and Wales have been calculated on a population estimated to the middle of 1933, but those for the towns have been calculated on populations estimated to the middle of 1932.)

	Rate per 1000 Total Population		Annual Death-rate per 1000 population								Rate per 1000 Live Births		Percentage of Total Deaths				
	Live Births	Still Births	All Causes	Enteric Fever	Small-pox	Measles	Scarlet Fever	Whooping Cough	Diphtheria	Influenza	Violence	Diarrhoea and Enteritis under 2 years)	Total Deaths under One Year	Certified by Registered Medical Practitioners	Inquest Cases	Certified by Coroner after P.M. No Inquest	Uncertified Causes of Death
England and Wales	14.4	0.62	12.3	.01	.00	.05	.02	.05	.06	.57	.54	7.1	64	90.9	6.3	1.9	0.9
118 County Boroughs and Great Towns, including London	14.4	0.67	12.2	.00	.00	.06	.02	.06	.08	.55	.49	9.4	67	91.0	6.0	2.5	.05
132 Smaller Towns (Estimated Resident Populations 25,000- 50,000 at Census, 1931)	14.5	0.63	11.0	.00	.00	.04	.02	.04	.04	.53	.44	4.9	56	91.7	5.8	1.5	1.0
London	13.2	0.45	12.2	.00	.00	.02	.02	.08	.08	.51	.58	11.6	59	88.3	6.3	5.4	0.0
Long Eaton	13.14	0.87	9.63	.00	.00	.00	.00	.08	.00	.31	.39	.04	14	90.92	4.1	1.8	3.18

The Maternal Mortality rates for England and Wales are as follows: per 1000 Live Births

Puerperal Sepsis.	Others	Total
1.79	2.63	4.42
1.71	2.52	4.23

.. .. Total Births

SUMMARY (FOR REFERENCE) OF NURSING ARRANGEMENTS, HOSPITALS, ETC., AVAILABLE FOR THE DISTRICT.

Professional Nursing in the Home.

- (a) GENERAL. The General Nursing of the District is provided by the Long Eaton Sick Nursing Association, which is inadequate.
- (b) FOR INFECTIOUS DISEASE. The County Council provide a special nurse for infectious disease when required.

Midwives.

The following five Midwives were certified as practising in the District during the year, and these are controlled by the County Council :—

Mrs. Vowles, 31, Salisbury Street
 Mrs. Levers, 19, Dockholme Road
 Mrs. Fox, 35, Shakespeare Street
 Mrs. Wilson, 81, Breedon Street
 Mrs. Lomax, 2, Cedar Avenue

The Supervising Health Visitor made 18 routine and 30 special inspections during 1933.

Clinics and Treatment Centres.

(a) MATERNITY AND CHILD WELFARE CENTRE.

No. 4, Nottingham Road, Long Eaton (Monday and Thursday afternoons).

(b) SCHOOL CLINIC.

For Minor Ailments ; dental, ear, nose, throat and ophthalmic. No. 4, Nottingham Road, Long Eaton.

(c) TUBERCULOSIS CLINIC.

Town Hall Grounds (Tuesdays, 10.30 to 1).

(d) VENEREAL DISEASE.

There is no centre in this district for advice or treatment. Patients have the opportunity of attending at the Derbyshire Royal Infirmary as arranged by the Derbyshire County Council.

Males.	Females.
Mondays, 6 to 8 p.m.	Mondays, 3 to 5 p.m.
Wednesdays, 6 to 8 p.m.	Thursdays, 6 to 8 p.m.
Saturdays, 2 to 4 p.m.	

**Hospitals provided or subsidised by the Local Authority
or by the County Council.**

- (a) TUBERCULOSIS. 1—Derbyshire Sanatorium, Chesterfield.
 2—Penmore Pavilion (Females).
 3—Whitworth Hospital, Darley Dale (Males).
 4—Bretby Hall Orthopædic Hospital.

(b) MATERNITY HOSPITALS. Nightingale Home, Derby.

(c) WOMEN'S HOSPITALS. Nottingham and Derby.

(d) *CHILDREN'S HOSPITALS. Nottingham and Derby.

(e) FEVER.

The Isolation Hospital, Draycott, which is provided jointly by the Long Eaton Urban District Council, the Alvaston & Boulton Urban District Council, and the Shardlow Rural District Council.

(f) †SMALLPOX.

Meadow Lane Isolation Hospital. Long Eaton. Patients are also received from the Alvaston & Boulton Urban District Council and the Shardlow Rural District Council.

(g) *GENERAL.

Nottingham Hospital and Derby Royal Infirmary.

(h) PUBLIC ASSISTANCE.

Derbyshire County Council Public Assistance Hospital,
The Grove, Shardlow.

* Voluntary Institutions. † Long Eaton U.D.C.

Ambulance Facilities.*(a)* FOR INFECTIOUS CASES.

An Ambulance is provided and maintained by the Shardlow Joint Isolation Hospital Committee for the removal of Scarlet Fever and Diphtheria patients.

Number of Scarlet Fever patients removed	51
„ Diphtheria „ „ 	2

(b) FOR NON-INFECTIOUS AND ACCIDENT CASES.

The two Motor Ambulances are stationed at the Fire Station, Tamworth Road, and are available at any time, day or night.

The use of the Ambulance is free to Long Eaton residents for a limited radius of 15 miles from the Fire Station, and two persons are allowed to accompany the patient to Hospital.

Number of cases removed :—

To or from the Nottingham General Hospital	1321
„ „ Derbyshire Royal Infirmary	115
„ „ other Hospitals, etc.	271
	<hr/> 1,707

Total Milcage covered—18,667 miles.

Rules and Charges.

Long Eaton residents may have the use of the Ambulance to and from outside areas at a charge of 9d. per mile each way, above the 15 miles allowed free.

The Ambulance is allowed to attend calls outside of the Urban District at the discretion of the Superintendent of the Fire Brigade, on payment of 1 6 per mile each way.

	Nottingham Hospital			Derby Infirmary.		
	£	s.	d.	£	s.	d.
Long Eaton	Free			Free.		
Beeston.....	0	10	0	2	0	0
Breaston	1	0	0	0	15	0
Draycott	1	10	0	0	15	0
Old Sawley	1	0	0	0	15	0
Stapleford and Sandiacre	1	0	0	1	5	0
Toton	1	0	0	1	10	0

LABORATORY WORK.

Bacteriological Diagnosis of Infectious Disease.

The total number of specimens examined at the County Laboratory is given below :—

Disease.	Positive.	Negative.	Total.
Enterica			
Typhoid, Para-Typhoid A & B) Gaertner, Dysentery, &c.)	—	2	2
Diphtheria	2	23	25
Phthisis	4	29	33
Miscellaneous	3	0	3
	9	54	63

Issue of Diphtheria Antitoxin.

Supplies of Diphtheria Antitoxin are obtainable at the public expense from Mr. J. Gelsthorpe, Chemist, Long Eaton.

ADOPTIVE ACTS AND BYE-LAWS IN FORCE IN THE URBAN DISTRICT.

Adoptive Acts.

Infectious Diseases (Prevention) Act, 1890.
 Public Health Acts Amendment Act, 1890.
 Public Health Acts Amendment Act, 1907 (except
 Sections 26, 30, 60 and 68).
 Public Health Act, 1925. Parts 2, 3, 4 and 5.
 Baths and Washhouses Acts.

Bye-Laws.

1	New Streets and Buildings	.....	.....	December, 1925
2	Cemetery and Mortuary	.....	.....	July, 1902
3	Market and Tolls	.....	.....	May, 1902
4	Common Lodging Houses	.....	.....	January, 1902
5	Slaughterhouses	.....	.....	June, 1902
6	Offensive Trades	.....	.....	July, 1902
7	Nuisances	.....	.....	August, 1902
8	Parks and Open Spaces	.....	.....	June, 1911

SANITARY ADMINISTRATION.

The report of the Chief Sanitary Inspector, which follows on page 29, gives details relating to Sanitary Administration.

Your Surveyor and Engineer has kindly supplied the following information relating to Water Supply, Sewage Disposal and Rain Fall :

Water Supply.

Gallons pumped at Stanton-by-Bridge Pumping				
	Station, Jan. 1st to Dec. 31st, 1929	..		122,032,720
	,, ,, 1930	..		142,882,960
	,, ,, 1931	..		153,858,660
	,, ,, 1932	..		157,114,800
	,, ,, 1933	..		159,621,700

Gallons pumped from the deep Artesian Borehole supplying the Long Eaton Gas Co.	3,122,810
Gallons pumped from Pond to L.M. & S. Railway Company's tank	4,618,800
Supplied from the Derwent Valley Water Board,	
Jan. 1st to Dec. 31st, 1929	54,666,000
„ „ 1930	54,642,000
„ „ 1931	54,801,000
„ „ 1932	55,885,000
„ „ 1933	54,711,000
Total for the District, 1933	224,074,310

RAIN FALL.

	1929	1930	1931	1932	1933
The Rain Fall (Stanton-by Bridge Pumping Station)	24·33	36·10	30·35	28·02	21·86
The Rain Fall (Town Hall, Long Eaton)	22·07	32·27	28·90	24·55	20·30

WATER SUPPLY.

Although there has been abnormal drought during the year it has not been found necessary to curtail the supply to consumers owing to the fact that other supplies have been available in Long Eaton.

The mains throughout the town have been extended where building operations have taken place.

During the year a sample of water was forwarded to the County Analyst for Analysis, and the following is the result :—

					Sample of Town Water from House Tap in Long Eaton. Parts per 100,000.
Total Solid Matter	..	.....	.....	.....	37·4
Free and Saline Ammonia		.....	.....	.....	0·0
Albuminoid Ammonia ..		.....	.....	.....	0·008
Nitrogen as Nitrates and Nitrites		.....	.....	.....	0·29
Chlorine	..	.....	.....	.....	1·9
Oxygen absorbed in 4 hours at 80 degrees Fahr.				.....	0·037
Hardness	{	Temporary	.....	.....	11·0
		Permanent	.....	.....	17·7
		Total	.....	.....	28·7
Metals		.....	.....	.....	None

SEWAGE DISPOSAL.

A scheme for new low level intercepting sewers has been approved by the Council and tenders are now advertised by sanction of the Ministry of Health.

Further Sanitary Requirements.

- 1.—The provision of a Public Abattoir.
- 2.—Public Baths.
- 3.—Swimming Baths.

Factory and Workshops Act, 1901.

There were 76 Workshops on the Register at the end of the year.

During the year five references to contraventions remediable under the Public Health Acts were received from H.M. Inspector of Factories, and also two Notices of Occupation.

1. INSPECTION OF FACTORIES, WORKSHOPS, AND WORKPLACES.

Including Inspections made by Sanitary Inspectors.

Premises.	Number of		
	Inspec- tions.	Written notices.	Prosecu- tions.
Factories (including Factory Laundries)	86	17	0
Workshops („ Workshop „)	93	3	0
Workplaces (other than Outworkers' premises)	0	0	0
Total	179	20	0

2. DEFECTS FOUND IN FACTORIES, WORKSHOPS, AND WORKPLACES.

Particulars.	Number of Defects.			Number of Prosecu- tions.
	Found	Remed'd	Referred to H.M. Insp.	
Nuisances under the Public Health Acts :—				
Want of Cleanliness	8	8		
Want of Ventilation				
Overcrowding				
Want of drainage of floors				
Other Nuisances	6	6		
Sanitary Accommodation :—				
Insufficient				
Unsuitable or defective..... ..	20	20		
Not separate for sexes				
Offences under the Factory and Work- shop Acts :—				
Illegal occupation of under- ground bakehouse				
Other Offences				
Total	34	34		

OUTWORKERS' HOMES.

2 lists were received from manufacturers in the Urban District and four from other local authorities, containing 17 names ; a list of four persons employed in the Stapleford Rural District was forwarded to that Authority.

All the persons were engaged in lace net mending.

Each outworker was visited, the home being found in a satisfactory state. No infectious disease has occurred in an outworker's home during the year.

PARTICULARS OF HOUSING SCHEMES.

Long Eaton.	H. & T. P. Acts (1919-1924) Housing Schemes.								
	Number of Houses	Completed on Dec. 31st, 1925	Erected during 1926	Erected during 1927	Erected during 1929	Erected during 1930	Erected during 1931	Erected during 1932	Erected during 1933
Scheme 1 (1919) Norfolk Road Mayfield Grove (South side) Beech Avenue	30	30	.....	.....	.....	.....	.....	.....	.....
Scheme 2 (1923) Beech Avenue (North side)	24	24	.....	.....	.....	.....	.....	.....	.....
Scheme 3 (1924) Tamworth Road	54	32	22	.....	.....	.....	.....	.....	.....
Scheme 4 (1924) Wellington Street	14	..		14	..	.....	.....	.....	.....
Scheme 5 (1927) College Street	38		.....	38	.....	.....	.....	.....	.....
Scheme 6 (1929) Recreation Street Conway Street Bonsall Street	19	.....	.....	.....	19	.....	.....	.....	.....
Scheme 7 (1930) Myrtle Avenue Hawthorne Avenue	11	.....	.....	.....	.....	11	.....	.....	.....
Scheme 8 (1930) Wellington Street Dockholme Road	52	.....	.....	.....	.....	52	.....	.....	.....
Scheme 8a (1931) Wellington Street	6	.....	.....	.....	.....	.....	6	.....	.....
Scheme 9 (1931) Breedon Street Byron Avenue Milford Avenue Ravensdale Avenue	62	.....	.....	.....	.....	.....	62	.....	.....
Scheme 11 (1931) Bonsall Street Albion Road Conway Street	32	.....	.....	.....	.....	.....	32	.....	.....
Scheme 12 (1931) Chesterfield Avenue	6	.....	.....	.....	.....	.....	6	.....	.....
Scheme 12 (1932) Chesterfield Avenue Frederick Street New Tythe Street Charnwood Avenue Anstee Road Milford Avenue	62	.....	.....	.....	.....	.....	.....	62	.....
Scheme 13 (1933) Breedon Street Ravensdale Avenue Curzon Street	22	.....	.....	.....	.....	.....	.....	.....	22
Totals	432	86	22	62	19	63	106	62	22

HOUSING.**No of New Houses erected during the Year.**

(a) Total (including numbers given separately under (b) :			
(i)	By the Local Authority	.. .. .	22
(ii)	By other Local Authorities	.. .. .	Nil
(iii)	By other bodies or persons	.. .. .	239
(b) With State Assistance under the Housing Acts :			
(i)	By the Local Authority.		
	(a) For the purpose of Part II. of the Act of 1925		Nil
	(b) For the purpose of Part III. of the Act of 1925		22
	(c) For other purposes	.. .. .	Nil
(ii)	By other bodies or persons	.. .. .	Nil

1. Inspection of Dwelling-houses during the Year.

(1)	(a)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	368
	(b)	Number of inspections made for the purpose		400
(2)	(a)	Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	.. .. .	158
	(b)	Number of inspections made for the purpose		190
(3)		Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	.. .. .	2
(4)		Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	.. .. .	146

2. Remedy of Defects during the Year without Service of Formal Notices.

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	65
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3. Action under Statutory Powers during the Year.

(A) Proceedings under Sections 17, 18 and 23 of the Housing Act, 1930 :—	
(1) Number of dwelling-houses in respect of which notices were served requiring repairs ..	10
(2) Number of dwelling-houses which were rendered fit after service of formal notices :—	
(a) By Owners	10
(b) By Local Authorities in default of Owners	10
(B) Proceedings under Public Health Acts :—	
(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	17
(2) Number of dwelling-houses in which defects were remedied after service of formal notices :—	
(a) By Owners	27
(b) By Local Authority in default of Owners	3
(C) Proceedings under Sections 19 and 21 of the Housing Act, 1930 :—	
(1) Number of dwelling-houses in respect of which Demolition Orders were made	0
(2) Number of dwelling-houses demolished in pursuance of Demolition Orders	0
(D) Proceedings under Section 20 of the Housing Act, 1930 :—	
(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	0
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	0

ANNUAL REPORT.
of the Sanitary Inspector.

TO THE CHAIRMAN AND MEMBERS OF THE LONG EATON URBAN
DISTRICT COUNCIL.

GENTLEMEN,

I herewith present my Annual Report, as Sanitary Inspector, for the year ended 31st December, 1933. The report on the Public Cleansing Service is for the financial year ending March, 1934.

The tabulated work does not adequately express the amount of work carried out, especially with regard to Housing, and it is pleasing to record that owners and agents generally are co-operating in the carrying out of this important work, otherwise, the results would not prove so favourable.

HOUSES INSPECTED UNDER THE HOUSING ACT, 1930

Name of Ward	No of Houses Inspected.	No. of Houses in which Defects existed.
Derby Road Ward	32	31
Nottingham Road Ward ..	29	26
Tamworth Road Ward	87	81
New Sawley Ward	10	10
	<hr/> 158	<hr/> 148

RENT AND MORTGAGE INTEREST (RESTRICTIONS) ACTS,
1920—1933.

No applications were received during the year for Certificates under the above Acts

INFECTIOUS DISEASE AND DISINFECTION.

Number of visits paid to premises re cases of infectious disease and disinfection	..	..	..	..	..	242
Number of School Notices to Day Schools	..	..				56
„ „ „ County M.O.H.	..	..				44
Notices to Public Library	..	..	..	..		39

Disinfection has been carried out as in previous years, by spraying and by fumigating with formalin gas. Infected bedding, clothing, etc., is removed for disinfection by steam.

Number of rooms disinfected after infectious disease	..	144
„ articles of bedding and other articles disinfected by steam	.. .. .	286
„ verminous rooms disinfected	.. .. .	146
„ instances in which bedding, etc., has been destroyed upon request after disease, etc.	.. .. .	25
„ Schoolrooms disinfected	.. .. .	10
Disinfectant supplied to Education Authorities for spraying the floors of schools prior to sweeping	.. .. .	34 galls.

MEADOW LANE ISOLATION HOSPITAL (SMALLPOX).

The administrative work of this Institution is carried out by your Inspector.

INSPECTION AND SUPERVISION OF FOOD.

FOOD AND DRUGS ACTS, etc.

The administration of the above Acts is carried out by the Derbyshire County Council.

Mr. R. W. Sutton, F.I.C., County Analyst, has kindly supplied the following information :

The number of samples collected under the Food and Drugs Adulteration Act in the Urban District during 1933 was 58, which included 30 samples of milk.

There were no prosecutions under the Act, but two Vendors were cautioned for selling milk deficient in fat and one selling milk with added water.

MILK.

The supply of milk produced and sold in the Urban District is small when compared with the quantity produced and imported

from the adjoining districts. It is from samples of the imported supplies that we receive adverse reports.

With regard to sanitary conditions met with, general care and thoroughness is exercised with the business of milk production.

The production of clean milk is a simple matter, and requires clean methods in the management of the cattle and the cleansing, sterilization and suitable storage of milk vessels and utensils.

COWSHEDS.

Cowkeepers registered	..	..	..	..	10
Cowsheds	..	..	..	..	22
Inspections	..	..	..	..	99
Informal Notices	..	..	..	..	10

Contraventions remedied and improvements, etc., effected :—

Erection of dairy for storing milking utensils	..	..	1
Milking utensils not kept in clean condition	..	..	7
Limewashing and cleansing	..	..	21
Unregistered Cowsheds	..	..	1
Removal of Manure	..	..	1
Choked Drainage	..	..	1
Insufficient Drainage (New Drainage System installed)		..	2
New Sanitary Convenience erected	..	..	1
Additional Yard Paving	..	..	1
Eaves and Spouting repaired	..	..	1
Insufficient Water supply (Town supply laid on)	..	..	1

DAIRIES AND PURVEYORS OF MILK.

Number of Wholesale Producers of Milk in District	..	7
„ Retail „ „ ..	..	3
„ Retail Purveyors of Milk--		
(a) Residing in District .. ..	..	17
(b) „ outside the District .. ..	..	18

Inspections	33
Applications for Registration for Retailers	2
„ „ Wholesale Producers ..	1
Informal Notices	1

Contraventions remedied :—

Milk Churns not stored in a satisfactory manner	1
Number of Shopkeepers registered for the sale of Pasteurised and Sterilised Milk in bottles	25

Milk (Special Designation) Order, 1923.

The following Licenses were granted during the year 1933 under the Order :—

Description of Licenses.

Dealer's License to sell milk as "Certified"	3
„ „ „ "Grade A"	1
„ „ „ "Pasteurised"—	
(a) Pasteurising Establishments	1
(b) * Shops and Dealers	1

* For 10 shops belonging to one dealer.

Samples of Milk tested with "Tustmun" Sediment Test for Dirt.

Number of Samples taken	148
„ „ satisfactory	137
„ „ unsatisfactory	11

The 11 unsatisfactory samples were from producers in the adjoining districts.

Letters were forwarded to the Producers and also to the local purveyors, and further samples were found to be satisfactory.

Sale of Ice Cream.

The premises where Ice Cream is made and sold were visited. In two instances the attention of the Vendors was called to the condition of their premises, but generally the premises were found in good condition. 57 inspections were made to 48 premises.

MEAT AND OTHER FOODS.

Slaughterhouses.

The slaughterhouses are visited at all times (including Sundays and Evenings when necessary). The occupiers continue to co-operate with the Department and recognise their trade as one carrying great responsibilities.

The inspection of Meat and Foods calls for much time, and is one of the important responsibilities devolving upon the Department.

The requirements of the Meat Regulations continue to be well observed, and the Byelaws are very well adhered to, and any intimation given with regard to contraventions is usually promptly complied with.

Routine Visits to Slaughterhouses	..	..	..	631
Early Morning, Night and Sunday Inspections	..	..	..	98
Informal Notices issued	..	..	..	3

Contraventions :—

Cleansing of Premises and Utensils	..	..	..	2
Removal of Manure and Offal	..	..	..	1
Limewashing	..	..	..	9

The following table gives a classified list of the quantities of
MEAT CONDEMNED AT THE SLAUGHTERHOUSES DURING 1933.

Animals affected	Tuberculosis.	Weight in lbs.	Animals affected.	Tuberculosis	Weight in lbs.
Cattle	Internal Organs (1 animal)	90	Pigs	Heads (15)	150
	Lungs (11 sets)	70		Plucks (9)	72
	Liver (1)	15		Mesenteries (12)	18
	Kidney (2)	2		Lungs (2 sets)	5
	Heart (1)	5		Liver (1)	3
	Total	182		Total	248
	Other Diseases or Injuries.			Other Diseases or Injuries	
Cattle	Carcase and all organs	280	Pigs	Carcase and all Organs (2)	336
	Livers (96)	960		Heads (1)	10
	Lungs (4 sets)	28		Livers (2)	6
	Heart (1)	6			
	Total	1074			
Sheep	Livers (37)	66			
	Pluck (4)	14			
	Total	80		Total	352

The total weight of meat condemned at the Slaughterhouses was 1,936 lbs.

The following unsound Meat and other Foods have been condemned from MARKETS, SHOPS AND OTHER PREMISES during 1933, the total weight being 199 lbs.

No. of instances	Meat.	Weight in lbs.	No. of instances.	Other Foods	Weight in lbs.
1	Beef	41	1	32 dozen oranges	128
	Mutton	30			
	Total	71		Total	128

PUBLIC HEALTH (MEAT) REGULATIONS, 1924.

Number of Notices to Slaughter received 471

Number of Animals slaughtered at the Slaughterhouses during the year :—

Beast.	Sheep & Lambs.	Pigs.	Calves.
1034	5598	1483	130

Contraventions were as follows :—

Failure to notify Slaughter	..	..	..	..	2
Transport (meat not sufficiently protected)			..	..	2
Absence of name on stall	..	..	..	..	4
Dirty condition of stall cloths	..	..	..	..	4
Absence of receptacle for offal	..	..	..	..	2
Miscellaneous	..	..	..	..	3

OFFENSIVE TRADES.

One annual application was received and granted for permission to carry on the trade of tripe boiling. The premises were inspected on 12 occasions and were found to be well conducted.

There were no contraventions noted during the year.

Fish Friers.

The occupiers appear to take a keen interest in the cleanliness of the premises and the prompt removal of offal, and fully realize that the trade has now become an important and popular one in providing a useful and valuable food.

Visits to Fishmongers and Fish Friers were made on 34 occasions.

BAKEHOUSES.

Number on Register January, 1933	..	..	..	7
„ „ December, 1933	..	..	..	8
Factory Bakehouses	..	..	..	3
Inspections	..	..	..	23

Informal Notices served	..	..	..	..	4
Relating to :					
Accumulation of refuse ..	..	..	..	..	2
Limewashing and Cleansing	..	..	..	..	4
Insufficient water supply	..	..	..	..	1
Dilapidated yard paving	..	..	..	..	1

FACTORIES AND WORKSHOPS.

An effort has been made to give publicity with regard to health and cleanliness in the factories.

The use of the common sanitary conveniences in factories is much abused, and one is at a loss to comprehend the habits of some employees. Much could be done for the convenience and welfare of the workers, if they would have more consideration for their employer's property, and the welfare of their co-workers.

In several instances publicity posters of the Health and Cleanliness Council have been periodically supplied, and where this has been inaugurated an improvement in the conditions has resulted.

Many employers have yet to learn that it is on behalf of the clean worker that an effort should be made. Increased interest in welfare work by the management of factories, would, I believe, bring about improved conditions, and greater care would be taken of his property, while at the same time the status of the worker would be considerably increased.

The following is a summary of the work carried out at the Factories and Workshops during the year.

Factories.

Sanitary conveniences repaired	..	..	..	6
Foul and Obstructive Sanitary conveniences cleansed	..			18
Drains relaid or repaired	..	..	..	3
Offensive Accumulations removed	..	..	..	2
Other defects	..	..	..	3

Workshops.

Foul and obstructive sanitary conveniences cleansed	..	5
Sanitary conveniences repaired	.. ..	2
Want of cleanliness	.. ..	4
Premises unfit for use as Workshop	.. ..	1
Accumulations of refuse removed	.. ..	1

TENTS, VANS, SHEDS, Etc.

The caravans attending the two annual wakes which are held on the field belonging to the Council were inspected, and as usual, were found to be in a clean and sanitary condition. 56 caravans were inspected.

Sanitary and dustbin accommodation was provided by the Council, and the Cleansing Department attended to the regular removal of refuse, etc.

The encampment and occupiers of caravans has called for much attention, and I am of the opinion that further powers should be given to Local Authorities to deal with caravan dwellers.

No person should be allowed without the previous consent of the Council to let or permit to be used, any land for occupation by any Tent, Van, Shed or similar structure used for human habitation until the site has been approved and the necessary requirements provided.

SMOKE ABATEMENT AND ATMOSPHERIC POLLUTION.

The usual observations have been taken for smoke abatement and a number of occupiers and stokers have been interviewed and advice given with a view to preventing a nuisance.

The stokers generally exercise care in their work and co-operate with the Department when their attention is drawn to any excess of smoke emitted.

During the year twelve stokers were interviewed, and eleven letters were forwarded where an excess of black smoke was emitted.

WATERCOURSES.

In the estimates for the year 1933-34, £300 was allocated for the cleansing of the main water courses in the district, and the work was carried out by your Engineer and Surveyor.

In addition, intimation notices were served on nine occupiers of land abutting on to water courses to cleanse the same, and one notice was served for pollution and obstruction, and in each instance the notices were promptly complied with.

No serious case of pollution was discovered during the year.

RAG FLOCKS ACTS, 1911 & 1928.

The furniture and upholstery trades have been inspected for the purpose of the above Acts. The use of Rag Flocks does not now appear to be extensive, and where they are used, the manufacturers obtain a guarantee from the suppliers. It was not found necessary to take any samples for the purpose of analysis.

SANITARY SUPERVISION OF MUSIC HALLS THEATRES, ETC.

Ministry's Circular, 1921, No. 120.

There are three places of amusement in the Urban District—the Scala, the Palace and the Empire. These have been inspected on 20 occasions, and a high standard of cleanliness has been maintained.

PETROLEUM ACTS.

Number of Premises licensed for Petroleum :

	January, 1933	..	..	30
	December, 1933	..	..	32
„ „ „	Carbide of Calcium	..	..	10
„ „ „	Visits (Petrol Stores)	..	..	49
„ „ „	(Carbide Stores)	..	..	12
Total storage capacity for Petrol is	..	28,000	galls.	
„ „ „	Carbide	..	..	846 lbs.

The regulations have been well observed. All new underground tanks are tested at 5lbs. air pressure before approval.

During the year four new Petrol Pumps with a storage capacity of 2,000 gallons have been installed.

The total amount received from Petroleum and Carbide Licenses during the year was £20 5s. 0d.

INSPECTION OF CANAL BOATS.

Number of Boats inspected during 1933	..	..	..	19
„ „ conforming to the Acts and Regulations	..	..	..	19
„ „ infringing the Acts and Regulations	..	..	..	0
Total number for which the cabins were registered	..	..	..	68
„ „ occupying the cabins	..	..	..	57
Details of occupants :—				
Male adults	..	..	..	27
Female adults	..	..	..	8
Children of school age	..	..	..	15
Children under school age	..	..	..	7

The boats generally were found in a good state of repair and clean condition and no case of infectious disease was met with.

RATS AND MICE (DESTRUCTION), ACT, 1919.

The administration of the Rats and Mice (Destruction) Act has been delegated to the Long Eaton Urban District Council by the Derbyshire County Council.

The following report was forwarded to the Minister of Agriculture and Fisheries and the County Council with reference to the action taken during the year.

Number of inspections of premises	..	..	..	257
„ Notices served under section 5	..	..	..	Nil
„ cases in which the Local Authority have destroyed				
rats under Section 5	..	..	..	Nil
„ prosecutions under the Act	..	..	..	Nil

The following is a summary of the premises treated for rats :—

Dwelling-houses	..	..	..	..	28
Factories	..	..	..	..	6
Workshops	..	..	..	..	1
Slaughterhouses	..	..	..	..	1
Premises where animals are kept	..	..	..	..	4
Farms	..	..	..	..	3
Shops	..	..	..	..	4
Sewage Disposal Works	..	..	..	..	1
Miscellaneous	..	..	..	..	4

The means of destruction employed has been by baiting, smoke machine and Cyanogas Rat Pump.

During Rat Week posters were displayed in the district calling attention to the damage done by rats, and requesting owners and occupiers of land to co-operate with the Local Authority in the destruction of the same. 48 letters were sent to various premises where infestation was likely to take place.

In addition, the sewers in the town were baited and good results obtained, and premises where signs of infestation were found were treated with the Cyanogas Rat pump, and baits were also laid.

The sewers in the town have been periodically inspected, and systematically baited where signs of rats were found. During the year a total of 5,000 baits were laid in the sewers, and a large proportion were taken.

In 15 instances where rats were found to be gaining access to yards, passages, etc., from defective drains the drains, were opened up and repaired.

The Cyanogas Rat Pump has been used on 12 occasions during the year with good results.

34 complaints were received during the year, and these were given prompt attention.

COMPLAINTS.

Number of Complaints received ..	197
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Summary of Complaints.

Housing defects	19
Defective and choked drainage .. .	119
Prevalence of Rats	34
Miscellaneous	25

SANITARY INSPECTION OF THE AREA, 1933.

Particulars of Visits and Inspections are as follows :—

Number of Premises inspected on complaint of nuisance ..	197
Bakehouses	23
Canal Boats	19
Caravans	184
Carbide Stores	10
Cowsheds	141
Dairies and Milkshops	48
Factories	86
Food Stores and Markets	298
Fried Fish Premises	34
Ice Cream	51
Housing, Town Planning, etc., Act	1123
Infectious Disease	242
Offensive Trades	12
Overcrowding	24
Petrol Stores	49
Premises where animals are kept	79
Rats and Mice Destruction Act	257
Schools	43
Slaughterhouses (including Sunday and Special Visits) ..	729
T.B. Shelters	7
Water-courses	167
Workshops	93
Theatres and Music Halls	20
Provision of New Dustbins	1189
Miscellaneous	2102
	<hr/>
	7227
	<hr/>

LETTERS AND NOTICES ISSUED, ETC.

Number of Letters and Informal Notices	..	..	558
„ Statutory Notices served	..	..	20
„ Nuisances dealt with	..	..	854

SANITARY WORK.

Interior of Houses.

Dirty houses improved and cleansed by tenants	..	14
Floors of houses re-laid or repaired	.. ..	1
Verminous houses dealt with	.. ..	20
Water in cellars	.. ..	4

Exterior of Houses.

Defective eaves and down-spouting repaired	.. ..	12
Dangerous chimneys repaired	.. ..	4
Defective Roofs repaired	.. ..	1

Yards and Outbuildings.

Yards and passages re-paved or repaired	.. ..	66
Wash-houses and dangerous out-buildings repaired or re-built	.. ..	4
Rainwater cisterns and pumps repaired or cleansed	..	1
Dirty yards and W.C.'s cleansed by tenants	.. ..	14
Offensive accumulations removed from yards, etc.	..	8

Drainage.

Yard gullies cleansed by tenants	.. ..	2
Drains opened and cleansed from obstruction	..	157
Defective drains repaired	.. ..	27
New drains provided	.. ..	54
Glazed stoneware gullies provided to drains	.. ..	9
New sink waste pipes provided, others repaired	..	2
Inspection chambers provided to drains	.. ..	15
Overflowing cesspools cleansed and repaired	.. ..	8
Inspection chambers repaired and provided with new air-tight covers	.. ..	8

Water Closets.

Water closets demolished	2
New water closets erected	..	..	..	..	2
Foul and obstructive W.C.'s cleansed		..	..		4
New W.C. cisterns provided, others repaired	..	..			2
New seats provided to W.C.'s	..	..	.		1
Water closets repaired	..	..	..	..	19
„ „ provided with new basins and traps				..	39
Defective water supply to W.C.'s remedied (burst water pipes, defective ball valves, etc).	..		..	..	4
Washbowls provided	..	..	..	..	2

Urinals.

Urinals cleansed and repaired		9
-------------------------------	----	----	----	--	---

Privies and Pail Closets.

Offensive privies converted to pails (8 privies converted to 15 pails)	..	..	..	..	8
New pans provided to pail closets	..	..	..		3

Ashpits and Dustbins.

Houses provided with new sanitary dustbins	..	..			536
Shops „ „ „	..	..			11
Insanitary condition of dustbin cleansed by tenants	..				24

Schools.

Playgrounds re-paved	..	..	..	..	2
Urinals repaired	..	..	..	..	1
Eaves and down-spouts repaired	..	..	..		2
New W.C. Basins provided	..	..	..	..	21
Inspection chambers provided	..	..	..		6
New drains laid	..	..	..	..	25

Various.

Nuisances from burning of refuse	..	..	..		2
Nuisances from improper keeping of animals	..	..			12
Accumulations of manure and refuse removed	..	..			4
Samples of well water submitted to the County Analyst for Chemical examination	..	..	..		2
Town water laid on in place of polluted well	..	..			1

Wells cleansed and reconstructed	..	..	..	2
Cases of overcrowding dealt with	..	..	..	19
Water-courses cleansed	..	..	..	9
Miscellaneous nuisances dealt with	..	..	..	38
Smoke observations	..	..	..	20
Smoke nuisances dealt with from locomotives			..	6
Sheds used as dwelling-houses	..	..	..	1
Nuisances on highways	..	..	..	4
„ arising from caravan encampment	..	..	..	22
Toys being exchanged for rags	..	..	..	2

LEGAL PROCEDURE.

Work was carried out at the following properties in default of the owners complying with the Statutory Notices :—

Act.	Property.	Work carried out.	Cost.
Housing Act 1930. Sec. 17	5, 6 & 7, The Nook New Tythe Street.	Housing defects remedied	£39 12 0
do.	2, 4, 6 & 8, Prince Street and 12, King Street	ditto.	£138 0 0
do.	8, Elm Avenue	ditto	£14 9 3
do.	29, Lower Brook Street	ditto	£30 0 0
Public Health Act, 1875	5 & 6, The Nook, New Tythe Street	Provision of new sanitary dustbins	17 0
do.	2, Prince Street	ditto	8 6

PUBLIC CLEANSING SERVICE.

The Collection and Disposal of House and Trade Refuse.

I have pleasure in presenting my sixth annual report on the working of the Cleansing Department during the year ended 31st March, 1934.

The service has been well maintained and carried out in a satisfactory manner. The controlled tipping continues to give satisfaction. During the year four deputations from other local authorities visited the town to inspect our methods of collection and disposal.

The motor transport is now working to its maximum capacity, and an additional motor vehicle is required for refuse collection.

The wheels on the bin trucks have been converted from solid rubber tyres to pneumatic, and this has given greater efficiency in the collection and removal of sanitary dustbins.

The total number of premises from which refuse was collected at 31st March, 1934, was 6,844, an increase of 303 during the year. The total weight of refuse removed was 5,780 tons, and the total number of loads deposited on the tip was 6,884, equal to 400 cubic yards of refuse per week.

Classified Sanitary Conveniences and Receptacles.

Total Number of water closets	..	..	..	..	6985
„ „ waste water closets	..	..	..	..	74
„ „ pail closets	..	..	..	..	91
„ „ privies and middens	..	..	..	..	7
„ „ cesspools	..	..	..	..	26
„ „ ashpits	..	..	..	..	0
„ „ sanitary dustbins	..	..	..	..	7200

Number and Type of Receptacles emptied, 1933-34.

Receptacles emptied.				Number.	No. of times.	No. of loads
Sanitary Dustbins	..	..	..	7200	52	4312
Pail Closets	..	..	..	40	52	52
Privies and Middens	..	..	..	7	as required	10
Cesspools	..	..	..	14	as required	96

The Total Cost of Collection and Disposal of House and Trade Refuse (including Cesspools) for the Year ending 31st March, 1934.

	House and Trade Refuse. Collection £ s. d.	Disposal. £ s. d.	Nightsoil & Cesspools. £ s. d.	Total. £ s. d.
Wages	1684 12 0	754 1 6	29 0 10	2467 14 4
Transport, etc. ..	255 12 7	79 0 3	4 4 9	338 17 7
Materials, Repairs, etc.	93 12 9	41 12 6	1 12 1	136 17 4
Rates and Insurances	76 18 6	33 15 6	1 6 0	112 0 0
Loan Charges (2 Motor Lorries)	212 10 0			212 10 0
New Lorry taken on a 5 years basis ..	43 11 1	30 12 0	4 13 4	78 16 5
GROSS EXPENDITURE	2366 16 11	939 1 9	40 17 0	3346 15 8
Income (Trade Refuse) ..	130 5 2	21 9 3		151 14 5
TOTAL NET COST (including loan charges) ..	2236 11 9	917 12 6	40 17 0	3195 1 3
TOTAL NET COST (excluding loan charges)	2024 1 9	917 12 6	40 17 0	2982 11 3

The total quantity of refuse collected (excluding Cesspools) for the year ending March 31st, 1934, was 5,780 tons.

The average yield :—

Per 1000 population per annum (365 days)	253 tons
„ 1000 „ „ day	13.8 cwts.
„ head per annum (365 days)	5 cwts.
„ house per annum (including business premises) ..	17 cwts.

Estimated Population (Registrar General), 22,830.

Area of District, 3,323 acres.

No. of houses and premises, 6,844.

Average No. of houses scavenged per ton, 62.

Average haul, $2\frac{1}{4}$ miles.

The weight of Refuse is estimated by test weighing ; one load per week is weighed from each of the four districts collected.

1. Rateable Value ..	£137,410
2. Product of 1d. Rate ..	£535
3. Total Rates ..	11/-

HOUSE AND TRADE REFUSE.

TABLE SHOWING COSTS FOR THE YEAR ENDED 31st MARCH, 1934.

Item. 1.	Particulars 2.	I. COLLECTION.			II. DISPOSAL.			III. TOTAL.		
		Including Loan Charges. 3	Excluding Loan Charges. 4	£ s. d.	Including Loan Charges. 5	Excluding Loan Charges. 6	£ s. d.	Including Loan Charges. 7	Excluding Loan Charges. 8	£ s. d.
REVENUE ACCOUNT.										
A	Gross Expenditure ..	2366	16 11	2154	6 11	939	1 9	3305	18 8	3093 8 8
B	Gross Income ..	130	5 2	130	5 2	21	9 3	151	14 5	151 14 5
C	Net Cost ..	2236	11 9	2024	1 9	917	12 6	3154	4 3	2941 14 3
UNIT COSTS.										
D	Gross Expenditure per ton ..	8	2	7	7½	3	2	11	4	10 9½
E	Gross Income per ton..	5½	5½	5½	1	1	1	6½		6½
F	Net cost per ton ..	7	8½	7	2	3	1	10	9½	10 3
G	Net cost per 1000 population ..	98	0 0	88	13 0	40	3 +	138	3 +	128 16 +
H	Net cost per head ..	1	11½	1	9	9½	9½	2	9	2 6½
I	Net cost per 1000 houses or premises from which refuse is collected ..	326	14 2	295	14 8	133	19 9	460	13 11	429 14 5
J	Net cost per house ..	6	7	5	10	2	8	9	3	8 6

RATE POUNDAGE.

K	Net cost, equivalent rate in the £ ..	3·9d.	3·5d.	1·6d.	1·6d.	5·5d.	5·1d.
L	Percentage of J to total rates in the £	2·9%	2·7%	1·2%	1·2%	4·1%	3·9%

TABLE SHEWING COMPARATIVE COSTS OF THE COLLECTION AND DISPOSAL OF
HOUSE AND TRADE REFUSE FOR THE PAST FIVE YEARS.

	1933				1932				1931				1930				1929			
	Collection		Disposal		Collection		Disposal		Collection		Disposal		Collection		Disposal		Collection		Disposal	
	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.
TOTAL NET COST (including loan charges)	2236	11	9 917	12 6	2337	6	3 826	5 7	2291	10	8 786	8 9	2159	16	1 885	12 5	1988	4	1 842	19 11
TOTAL NET COST (excluding loan charges)	2024	1	9 917	12 6	2112	5	0 826	5 7	2031	9	10 786	8 9	1899	15	3 885	12 5	1862	9	6 842	19 11
No. of Houses and Premises collected from	6.844				6,541				6,439				6,163				6,013			
Total Quantity of Refuse collected	5,780 tons				6,468 tons				5,709 tons				4,920 tons				4,641 tons			

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